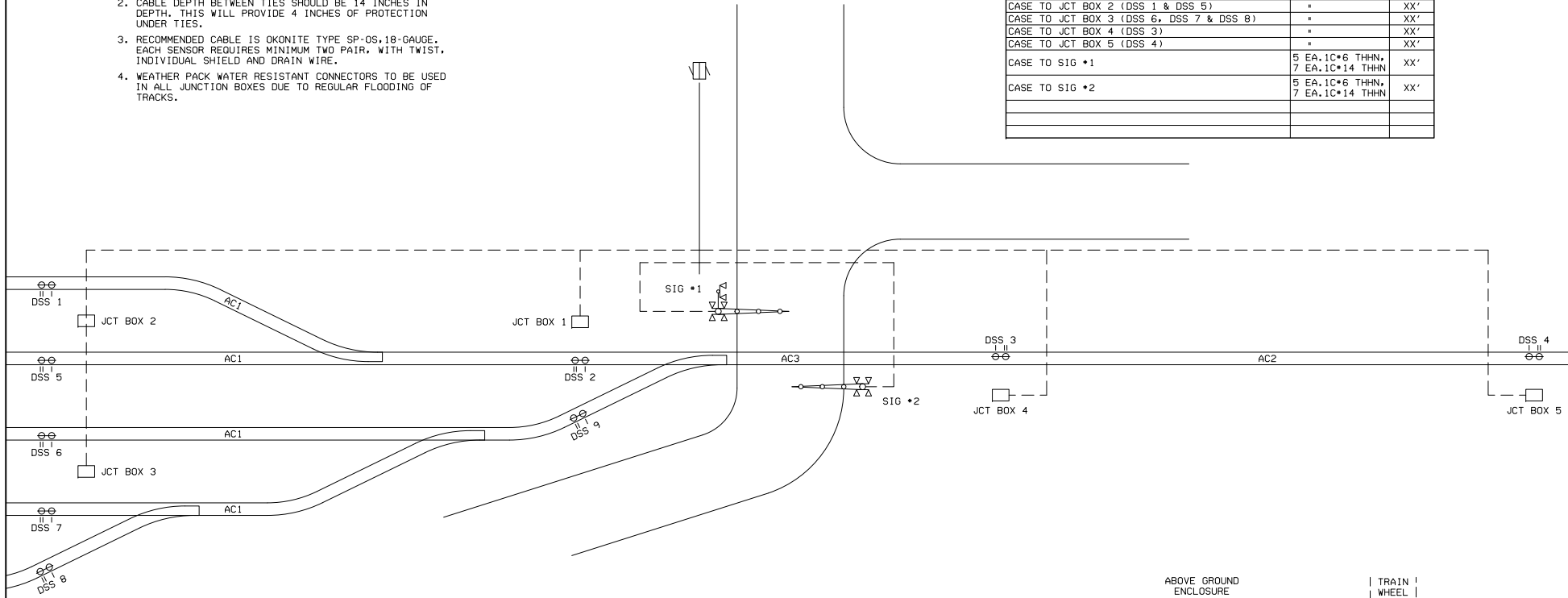


**NOTES:**

1. OVERALL CABLE/CONDUIT DEPTH 24 INCHES OR GREATER.
2. CABLE DEPTH BETWEEN TIES SHOULD BE 14 INCHES IN DEPTH. THIS WILL PROVIDE 4 INCHES OF PROTECTION UNDER TIES.
3. RECOMMENDED CABLE IS OKONITE TYPE SP-OS, 18-GAUGE. EACH SENSOR REQUIRES MINIMUM TWO PAIR, WITH TWIST, INDIVIDUAL SHIELD AND DRAIN WIRE.
4. WEATHER PACK WATER RESISTANT CONNECTORS TO BE USED IN ALL JUNCTION BOXES DUE TO REGULAR FLOODING OF TRACKS.

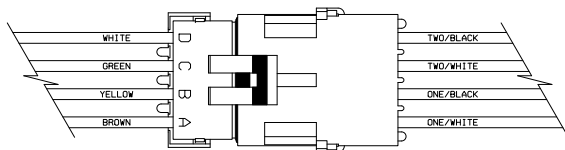
**CABLE TABULATION**

CASE TO JCT BOX 1 (DSS 2 & DSS 9)	NOTE 3	XX'
CASE TO JCT BOX 2 (DSS 1 & DSS 5)	"	XX'
CASE TO JCT BOX 3 (DSS 6, DSS 7 & DSS 8)	"	XX'
CASE TO JCT BOX 4 (DSS 3)	"	XX'
CASE TO JCT BOX 5 (DSS 4)	"	XX'
CASE TO SIG *1	5 EA. 1C*6 THHN, 7 EA. 1C*14 THHN	XX'
CASE TO SIG *2	5 EA. 1C*6 THHN, 7 EA. 1C*14 THHN	XX'



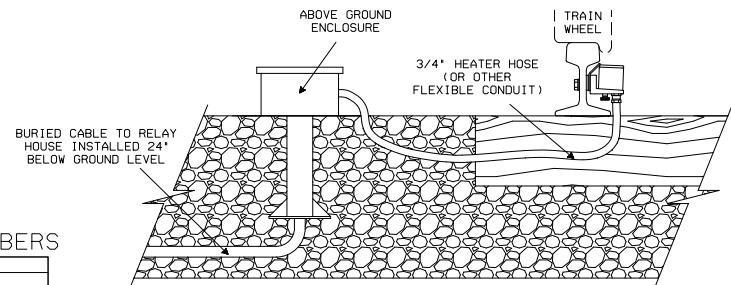
**CONNECTOR WIRING SEQUENCE**

PIN	SENSOR	INFRASTRUCTURE
A	BROWN	ONE/WHITE
B	YELLOW	ONE/BLACK
C	GREEN	TWO/WHITE
D	WHITE	TWO/BLACK



**WEATHER PACK CONNECTOR PART NUMBERS**

FEMALE HOUSING	829-12015797-B	
MALE HOUSING	829-12010974-B	
MALE PINS	829-12089040-L	FOUR PINS PER MALE HOUSING
FEMALE PINS	829-12089188-L	FOUR PINS PER FEMALE HOUSING
CABLE SEALS	829-15324982	FOUR SEALS PER HOUSING
CRIMPING TOOL	829-12014254	TOOL FOR CRIMPING PIN TO WIRE



NOT TO SCALE

**REVISIONS**

THE OPERATION OF THE CIRCUITS AND EQUIPMENT REPRESENTED HEREIN CANNOT BE FULLY CHECKED UNTIL ALL CIRCUITS AND DEVICES ARE CONNECTED TO FORM A COMPLETE SYSTEM, OR AN EFFECTIVE SUBSYSTEM. SUCH SYSTEM OR SUBSYSTEM MUST BE GIVEN COMPLETE CIRCUIT AND OPERATIONAL TESTS BEFORE BEING PLACED IN REGULAR OPERATION.

**PINTSCH**

Safety for Rail  
Pintsch North America  
810 Skyline Drive  
Marion, Illinois 62959  
618-993-8513

**BASF CORPORATION**

DRAWN: J.G.C.  
DESIGNED: J.A.W.  
CHECKED: J.A.W.  
DATE: 10-17-22

CABLE  
OTTAWA CROSSING  
WYANDOTTE, MICHIGAN  
DOT • MILEPOST •

DRAWING NO.  
T-2294  
SHEET 2 OF 14